

IN THE CLAIMS

Please amend the claims as follows:

1. (cancelled) A computer cooler, comprising:
a cold plate to come into contact with a portable computer system to transfer heat away from the portable computer system; and
a cooling system to transfer heat from the cold plate to the environment surrounding the computer cooler when the portable computer system is in contact with the cold plate.
2. (cancelled) The computer cooler of claim 1, further comprising a first connector to mate to an external connector of the portable computer system when the portable computer system is in contact with the cold plate.
3. (cancelled) The computer cooler of claim 2, wherein the first connector passes signals of the external connector of the portable computer system to an internal device within the computer cooler.
4. (cancelled) The computer cooler of claim 2, wherein the first connector passes signals of the external connector of the portable computer system to an external device attached to the computer cooler.
5. (cancelled) The computer cooler of claim 4, further comprising a second connector that replicates the external connector of the portable computer system, and the external device is attached to the computer cooler through the second connector to pass signals of the external connector of the portable computer system to the external device.

6. (cancelled) The computer cooler of claim 1, wherein the cooling system is comprised of a compressor, an evaporator, a condenser and a refrigerant.
7. (cancelled) The computer cooler of claim 1, further comprising a controller to control the degree of transfer of heat from the cold plate to the environment surrounding the computer cooler.
8. (cancelled) The computer cooler of claim 1, wherein the portable computer system is comprised of a heat spreader to come into contact with the cold plate to transfer heat from at least one component within the portable computer system to the cold plate.
9. (cancelled) An apparatus, comprising:
a portable computer system with a heat spreader to transfer heat away from at least one component within the portable computer system; and
a computer cooler with a cold plate to come into contact with the heat spreader to transfer heat from the heat spreader to the environment surrounding the computer cooler.
10. (cancelled) The apparatus of claim 9, wherein the portable computer system further comprises an external connector, and the computer cooler further comprises a first connector to mate to the external connector of the portable computer system when the heat spreader is in contact with the cold plate.
11. (cancelled) The apparatus of claim 10, wherein the first connector passes signals of the external connector of the portable computer system to an internal device within the computer cooler.

12. (cancelled) The apparatus of claim 10, wherein the first connector passes signals of the external connector of the portable computer system to an external device attached to the computer cooler.
13. (cancelled) The apparatus of claim 12, wherein the computer cooler further comprises a second connector that replicates the external connector of the portable computer system, and the external device is attached to the computer cooler through the second connector to pass signals of the external connector of the portable computer system to the external device.
14. (cancelled) The apparatus of claim 9, wherein the computer cooler further comprises a compressor, an evaporator, a condenser and a refrigerant that cooperate to transfer heat from the cold plate to the environment surrounding the computer cooler.
15. (cancelled) The apparatus of claim 9, wherein the computer cooler further comprises a controller to control the degree of transfer of heat from the cold plate to the environment surrounding the computer cooler.
16. (cancelled) The apparatus of claim 9, wherein the portable computer system further comprises a heat pipe to transfer heat away from the at least one component within the portable computer system to the heat spreader.
17. (cancelled) A method, comprising:
coupling at least one component of a portable computer system to a heat spreader to transfer heat from the at least one component;

bringing the heat spreader into contact with a cold plate of a computer cooler to transfer heat from the heat spreader to the cold plate; and

using a cooling system within the computer cooler to transfer heat from the cold plate to the environment surrounding the computer cooler.

18. (cancelled) The method of claim 17, further comprising mating an external connector of the portable compute system with a first connector of the computer cooler.

19. (cancelled) The method of claim 18, wherein the first connector passes signals of the external connector of the portable computer system to an internal device within the computer cooler.

20. (cancelled) The method of claim 18, wherein the first connector passes signals of the external connector of the portable computer system to an external device attached to the computer cooler.

21. (cancelled) The method of claim 20, wherein the computer cooler further comprises a second connector that replicates the external connector of the portable computer system, and the external device is attached to the computer cooler through the second connector to pass signals of the external connector of the portable computer system to the external device.

22. (cancelled) The method of claim 17, wherein the cooling system comprises a compressor, an evaporator, a condenser and a refrigerant.

23. (cancelled) The method of claim 17, wherein the computer cooler further comprises a controller to control the degree of transfer of heat from the cold plate to the environment surrounding the computer cooler.

24. (cancelled) The method of claim 17, wherein the portable computer system further comprises a heat pipe to transfer heat away from the at least one component within the portable computer system to the heat spreader.

25. (cancelled) The method of claim 17, further comprising using a clock signal with the at least one component of the portable computer system where the clock signal is faster to a degree that requires the use of the computer cooler to aid in transferring heat from the at least one component that is generated as a result of using the faster clock signal.

26. (cancelled) The method of claim 17, further comprising enabling a feature of the at least one component of the portable computer system that requires the use of the computer cooler to aid in transferring heat from the at least one component that is generated as a result of enabling the feature.

27. (currently amended) A computer cooler comprising:

- a cold plate to come into contact with a portable computer system to transfer heat away from the portable computer system;

- a cooling system to transfer heat from the cold plate to the environment surrounding the computer cooler when the portable computer system is in contact with the cold plate;

- a first connector to mate to an external connector of the portable computer system when the portable computer system is in contact with the cold plate; and

a controller to receive [an indication] a command from the portable computer [of] indicating the desired degree of cooling, and to control the cooling system to ensure that the desired degree of cooling indicated by the portable computer is achieved while the portable computer is in contact with the cold plate.

28. (currently amended) The computer cooler of claim 27, [further comprising a temperature sensor to monitor] wherein the controller monitors at least one component of the cooling system to aid in controlling the degree of cooling achieved by the cooling system.

29. (currently amended) The computer cooler of claim 28, wherein the [temperature sensor] controller monitors the temperature of the cold plate.

30. (previously added) The computer cooler of claim 27, wherein the cooling system is comprised of a compressor, an evaporator, a condenser and a refrigerant that cooperate to transfer heat from the cold plate to the environment surrounding the computer cooler.

31. (previously added) The computer cooler of claim 27, further comprising a second connector that replicates the external connector of the portable computer system, allowing an external device to be attached to the computer cooler through the second connector and thereby receive signals from the external connector of the portable computer system through the first and second connectors.

32. (currently amended) An apparatus, comprising:

a portable computer system with a heat spreader to transfer heat away from at least one component within the portable computer system;

a cold plate provided by a computer cooler to come into contact with the heat spreader to transfer heat from the heat spreader of the portable computer;

a cooling system within the computer cooler to transfer heat away from the cold plate to the environment surrounding the computer cooler when the heat spreader of the portable computer system is in contact with the cold plate;

a first connector provided by the computer cooler to mate to an external connector of the portable computer system when the portable computer system is in contact with the cold plate; and

a controller within the computer cooler to receive [an indication] a command from the portable computer [of] indicating the desired degree of cooling, and to control the cooling system to ensure that the desired degree of cooling indicated by the portable computer is achieved while the heat spreader of the portable computer is in contact with the cold plate.

33. (currently amended) The apparatus of claim 32, [further comprising a temperature sensor within the computer cooler to monitor] wherein the controller monitors at least one component of the cooling system to aid in controlling the degree of cooling achieved by the cooling system.

34. (currently amended) The apparatus of claim 33, wherein the [temperature sensor] controller monitors the temperature of the cold plate.

35. (previously added) The apparatus of claim 32, wherein the cooling system is comprised of a compressor, an evaporator, a condenser and a refrigerant that

cooperate to transfer heat from the cold plate to the environment surrounding the computer cooler.

36. (previously added) The apparatus of claim 32, further comprising a second connector provided by the computer cooler that replicates the external connector of the portable computer system, allowing an external device to be attached to the computer cooler through the second connector and thereby receive signals from the external connector of the portable computer system through the first and second connectors.

37. (previously added) The apparatus of claim 32, further comprising a component within the portable computer system having a feature that is disabled at a time when the heat spreader of the portable computer system is not in contact with the cold plate, and that is enabled at a time when the heat spreader of the portable computer is in contact with the cold plate.

38. (currently amended) A method, comprising:

- placing a portable computer system into contact with a cold plate of computer cooler;

- mating a first connector of the computer cooler to an external connector of the portable computer system;

- receiving [an indication] a command by a controller within the computer cooler from the portable computer system [of] indicating the degree of cooling desired;

- transferring heat from the cold plate of the computer to the environment surrounding the computer cooler; and

controlling the transferring of heat from the cold plate to ensure that the desired degree of cooling indicated by the portable computer system is achieved while the portable computer system is in contact with the cold plate.

39. (currently amended) The method of claim 38, further comprising basing the controlling of the transferring of heat from the cold plate on input received from [a temperature sensor] monitoring a component of a cooling system within the computer cooler.

40. (previously added) The method of claim 39, wherein monitoring a component of the cooling system within the computer cooler comprises monitoring the temperature of the cold plate.

41. (previously added) The method of claim 38, further comprising providing a second connector carried by the computer cooler that replicates the external connector of the portable computer system, allowing an external device to be attached to the computer cooler through the second connector and thereby receive signals from the external connector of the portable computer system through the first and second connectors

42. (previously added) The method of claim 38, wherein placing a portable computer system in contact with the cold plate of a computer cooler comprises placing a heat spreader of the portable computer system in contact with the cold plate of the computer cooler.

43. (previously added) The method of claim 38, further comprising enabling a feature of a component of the portable computer system at a time when the portable computer system is in contact with the cold plate that is disabled at a time when the portable computer is not in contact with the cold plate.